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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known	
Application Number	10/705,401-Conf. #4414
Filing Date	November 10, 2003
First Named Inventor	Henrik Clausen
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	04305/100H154-US2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CF	1	US-5,268,364-B1	12-07-1993	Kojima et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
CF	2	WO-99/64378-A2	12-16-1999	Slycodesign Inc.		
CF	3	WO-99/12944-A2	03-18-1999	Glycim OY		

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CF	4	Abstract. Publication No. WO-95/26969 A1, New Derivative Inhibit Cell Adhesive Galactosyl Fucosyl Group Treat Inflammation Asthma Rheumatism Cancer.	
	5	Soudan, et al., "Capillary zone electrophoresis and MALDI-mass spectrometry for the monitoring of in vitro O-glycosylation of a threonine/serine-rich MUC5AC hexdecapeptide", Journal of Chromatography B, 1999, Vol., 729, pp. 65-74.	
	6	Byrd, J.C., et al., "Inhibition of Mucin Synthesis by Benzyl-α-GalNAc in KATO III Gastric Cancer and Caco-2 Colon Cancer Cells", European Journal of Cancer, 1995, Vol. 31A, No. 9, pp. 1498-1505.	
	7	Homa, Fred L., et al., "Isolation and Expression of a cDNA Clone Encoding a Bovine UDP-GalNAc: Polypeptide N-Acetylgalactosaminyltransferase", The Journal of Biological Chemistry, June 15, 1993, Vol. 268, No. 17, pp. 12609-12616.	
	8	Toba, Shinya, et al., "Brain-specific expression of a novel human UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase (GalNAc-T9)[1]", Biochimica et Biophysica Acta, 2000, Vol. 1493, pp. 264-268.	
	9	White, Kenneth E., et al., "Molecular cloning of a novel human UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase, GalNAc-T8, and analysis as a candidate autosomal dominant hypophosphatemic rickets (ADHR) gene", Gene, 2000, Vol. 246, pp. 347-356.	
	10	Bennett, Eric Paul, et al., "Cloning and Characterization of a Close Homologue of Human UDP-N-acetyl-α-D-galactosamine:Polypeptide N-Acetylgalactosaminyltransferase-T3, Designated GalNAc-T6", The Journal of Biological Chemistry, September 3, 1999, Vol. 274, No. 36, pp. 25362-25370.	
	11	Muller, Stefan, et al., "Recombinant MUC1 Probe Authentically Reflects Cell-specific O-Glycosylation Profiles of Endogenous Breast Cancer Mucin", The Journal of Biological Chemistry, July 19, 2002, Vol. 277, No. 29, pp. 26103-26112.	
↓	12	Gouyer, V., et al., "Inhibition of the Glycosylation and Alteration in the Intracellular Trafficking of Mucins and Other Glycoproteins by GalNAca-O-BN in Mucosal Cell Lines: An Effect Medicated Through the Intracellular Synthesis of Complex GalNAca-O-BN Oligosaccharides",	

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Attorney Docket Number	04305/100H154-US2

		Frontiers in Bioscience, October 1, 2001, Vol. 6, pp. d1235-1244.	
CF	13	Tenno, Mari, et al., "The Lectin Domain of UDP-GalNAc:Polypeptide N-Acetylgalactosaminyltransferase 1 is Involved in O-Glycosylation of a Polypeptide with Multiple Acceptor Sites", The Journal of Biological Chemistry, December 6, 2002, Vol. 277, No. 49, pp. 47088-47096.	
	14	Hagen, Kelly G. Ten, et al., "Cloning and Characterization of Ninth Member of the UDP-GalNAc:Polypeptide N-Acetylgalactosaminyltransferase Family, ppGaNTase-T9", The Journal of Biological Chemistry, May 18, 2001, Vol. 276, No. 20, pp. 17395-17404.	
	15	Schwientek, Tilo, et al., "Functional Conservation of Subfamilies of Putative UDP-N-acetylgalactosamine:Polypeptide N-Acetylgalactosaminyltransferases in Drosophila, Caaenorhabditis elegans, and Mammals", The Journal of Biological Chemistry, June 21, 2002, Vol. 277, No. 25, pp. 22623-22638.	
	16	Hassan, Helle, et al., "The Lectin Domain of UDP-N-acetyl-D-galactosamine:Polypeptide N-acetylgalactosaminyltransferase-T4 Directs Its Glycopeptide Specificities", The Journal of Biological Chemistry, December 8, 2000, Vol. 275, No. 49, pp. 38197-38205.	
	17	Gobom, Johan, et al., "Sample Purification and Preparation Technique Based on Nano-scale Reversed-Phase Columns for the Sensitive Analysis of Complex Peptide Mixtures by Matrix-assisted Laser Desorption/Ionization Mass Spectrometry", Journal of Mass Spectrometry, 1999, Vol. 34, pp. 105-116.	
	18	Mirgorodskaya, Ekaterina, et al., "Partial Vapor-Phase Hydrolysis of Peptide Bonds: A Method for Mass Spectrometric Determination of O-Glycosylated Sites in Glycopeptides", Analytical Biochemistry, 1999, Vol. 269, pp. 54-65.	
	19	Birken, Steven, et al., "Isolation and Amino Acid Sequence of COOH-terminal Fragments from the B Subunit of Human Choriogonadotropin", The Journal of Biological Chemistry, August 10, 1977, Vol. 252, No. 15, pp. 5386-5392.	
	20	Hill, Hoyle D., Jr., et al., "Ovine Submaxillary Mucin", The Journal of Biological Chemistry, June 10, 1977, Vol. 252, No. 11, pp. 3799-3804.	
	21	Hardy, Daniel M., et al., "A Sperm Membrane Protein that Binds in a Species-specific Manner to the Egg Extracellular Matrix is Homologous to von Willebrand Factor", The Journal of Biological Chemistry, November 3, 1995, Vol. 270, No. 44, pp. 26025-26028.	
	22	Matsuura, Hidemitsu, et al., "An a-N-Acetylgalactosaminylation at the Threonine Residue of a Defined Peptide Sequence Creates the Oncofetal Peptide Epitope in Human Fibronectin", The Journal of Biological Chemistry, June 25, 1989, Vol. 264, No. 18, pp. 10472-10476.	
	23	Bobek, Libuse A., et al., "Molecular Cloning, Sequence, and Specificity of Expression of the Gene Encoding the Low Molecular Weight Human Salivary Mucin (MUC7)", The Journal of Biological Chemistry, September 25, 1993, Vol. 268, No. 27, pp. 20563-20569.	
	24	Gum, James R., Jr., et al., "Molecular Cloning of Human Intestinal Mucin (MUC2) cDNA", The Journal of Biological Chemistry, January 28, 1994, Vo. 269, No. 4, pp. 2440-2446.	
	25	Albone, Earl F., et al., "Molecular Cloning of a Rat Submandibular Gland Apomucin", The Journal of Biological Chemistry, June 17, 1994, Vol. 269, No. 24, pp. 16845-16852.	
	26	Day, Philip J., et al., "Structure and Activity of an Active Site Substitution of Ricin A Chain", Biochemistry, 1996, Vol. 35, pp. 11098-11103.	
	27	Wandall, Hans H., et al., "Substrate Specificities of Three Members of the Human UDP-N-Acetyl-α-D-galactosamine:Polypeptide N-Acetylgalactosaminyltransferase Family, GalNAc-T1, -T2, and -T3", The Journal of Biological Chemistry, September 19, 1997, Vol. 272, No. 38, pp. 23503-23514.	
	28	Sako, Dianne, et al., "A Sulfated Peptide Segment at the Amino Terminus of PSGL-1 is Critical for P-Selectin Binding", Cell, October 20, 1995, Vol. 83, pp. 323-331.	
↓	29	Reis, Celso A., et al., "Characterization of a Panel of Monoclonal Antibodies Using GalNAc Glycosylated Peptides and Recombinant MUC1", Tumor Biol., 1998, Vol. 19, Supplement 1, pp. 127-133.	

Examiner	/Christian Fronda/	Date Considered	10/05/2006

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CF	30	Colley, Karen J., "Golgi localization of glycosyltransferases: more questions than answers", Glycobiology, 1997, Vol. 7, No. 1, pp. 1-13.	
	31	Dohi, Taeko, et al., "Detection of N-Acetylgalactosaminyltransferase mRNA Which Determines Expression of Sda Blood Group Carbohydrate Structure in Human Gastrointestinal Mucosa and Cancer", Int. J. Cancer, 1996, Vol. 67, pp. 626-631.	
	32	Jentoft, Neil, "Why are proteins O-glycosylated?", Tibs, August 1990, Vol. 15, pp. 291-294.	
	33	Rose, Mary C., "Mucins: structure, function, and role in pulmonary diseases", Invited Review, pp. L413-L429.	
	34	Mandel, Ulla, et al., "Simple Mucin-Type Carbohydrates in Oral Stratified Squamos and Salivary Gland Epithelia", The Journal of Investigative Dermatology, October 1991, Vol. 97, No. 4, pp. 713-721.	
	35	Taylor-Papadimitriou, Joyce, et al., "Exploiting altered glycosylation patterns in cancer: progress and challenges in diagnosis and therapy", Titech, June 1994, Vol. 12, pp. 227-233.	
	36	Girling, Anne, et al., "A Core Protein Epitope of the Polymorphic Epithelial Mucin Detected by the Monoclonal Antibody SM-3 is Selectively Exposed in a Range of Primary Carcinomas", Int. J. Cancer, 1989, Vol. 43, pp. 1072-1076.	
	37	Scharfman, A., et al., "Interactions between human respiratory mucins and pathogens", Biochemical Society Transactions, 1995, Vol. 23, pp. 836-839.	
	38	Breton, Christelle, et al., "Structure/function studies of glycosyltransferases", Carbohydrates and glycoconjugates, pp. 563-571.	
	39	Trombetta, E. Sergio, et al., "Lectins as chaperones in glycoprotein folding", Carbohydrates and glycoconjugates, pp. 587-592.	
	40	Hazes, Bart, "The $(QxW)_3$ domain: A flexible lectin scaffold", Protein Science, 1996, Vol. 5, pp. 1490-1501.	
	41	Muller, Stefan, et al., "Localization of O-Glycosylation Sites on Glycopeptide Fragments from Lactation-associated MUC1", The Journal of Biological Chemistry, October 3, 1997 Vol. 272, No. 4, pp. 24780-24793.	
	42	Ramakrishnan, Boopathy, et al., "Structure-based Design of B1, 4-Galactosyltransferase I (B4Gal-T1) with Equally Efficient N-Acetylgalactosaminyltransferase Activity", The Journal of Biological Chemistry, June 7, 2002, Vol. 277, No. 23, pp. 20833-20839.	
	43	Ramakrishnan, B., et al., "Crystal Structure of B1, 4-Galactosyltransferase Complex with UDP-Gal Reveals an Oligosaccharide Acceptor Binding Site", J. Mol. Biol., 2002, Vol. 318, pp. 491-502.	
	44	Sasaki, Hiroshi, et al., "Carbohydrate Structure of Erythropoietin Expressed in Chinese Hamster Ovary Cells by a Human Erythropoietin cDNA", The Journal of Biological Chemistry, September 5, 1987, Vol. 262, No. 25, pp. 12059-12076.	
	45	Ryuko, Kanji, et al., "Characterization of a New MUC1 Monoclonal Antibody (VU-2-G7) Directed to the Glycosylated PDTR Sequence of MUC1", Tumor Biology, 2000, Vol. 21, pp. 197-210.	
	46	Burdick, Michael D., "Oligosaccharides Expressed on MUC1 Produced by Pancreatic and Colon Tumor Cell Lines", The Journal of Biological Chemistry, September 26, 1997, Vol. 272, No. 39, pp. 24198-24202.	
	47	Mandel, Ulla, et al., "Expression of polypeptide GalNAc-transferases in stratified epithelia and squamous cell carcinomas: immunohistological evaluation using monoclonal antibodies to three members of the GalNAc-transferase family", Glycobiology, 1999, Vol. 9, No. 1, pp. 43-52.	
	48	Jorgensen, Charlotte S., et al., "Polypeptide binding properties of the chaperone calreticulin", Eur. J. Biochem., 2000, Vol. 267, pp. 2945-2954.	
↓	49	Sorensen, Tina, et al., "UDP-N-acetyl-α-D-galactosamine:polypeptide N-Acetylgalactosaminyltransferase: Identification and Separation of Two Distinct Transferase Activities", The Journal of Biological Chemistry, October 13, 1995, Vol. 270, No. 41, pp.	

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First Named Inventor	Henrik Clausen
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Examiner Name	N/A
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		24166-24173.	
CF	50	Van den Steen, Philippe, et al., "Concepts and Principles of O-Linked Glycosylation", Critical Reviews in Biochemistry and Molecular Biology, 1998, Vol. 33, No. 3, pp. 151-208.	
	51	Bennett, Eric Paul, et al., "cDNA Cloning and Expression of a Novel Human UDP-N-acetyl-α-D-galactosamine", The Journal of Biological Chemistry, 1996, Vol. 271, No. 29, pp. 17006-17012.	
	52	White, Thayer, et al., "Purification and cDNA Cloning of a Human UDP-N-acetyl-α-D-galactosamine:polypeptide N-Acetylgalactosaminyltransferase", The Journal of Biological Chemistry, October 13, 1995, Vol. 270, No. 41, pp. 24156-24165.	
	53	Ulloa, Fausto, et al., "GalNAc-α-O-benzyl Inhibits Sialylation of de Novo Synthesized Apical but Not Basolateral Sialoglycoproteins and Blocks Lysosomal Enzyme Processing in a Post-trans-Golgi Network Compartment", The Journal of Biological Chemistry, June 23, 2000, Vol. 275, No. 25, pp. 18785-18793.	
	54	Yeaman, Charles, et al., "The O-glycosylated Stalk Domain is Required for Apical Sorting of Neurotrophin Receptors in Polarized MDCK Cells", The Journal of Cell Biology, November 17, 1997, Vol. 139, No. 4, pp. 929-940.	
	55	Alfalah, Marwan, et al., "O-linked glycans mediate apical sorting of human intestinal sucrase-isomaltase through association with lipid rafts", Current Biology, 1999, Vol. 9, No. 11, pp. 593-596.	
	56	Huet, Guillemette, et al., "GalNAc-α-O-benzyl Inhibits NeuAca2-3 Glycosylation and Blocks the Intracellular Transport of Apical Glycoproteins and Mucus in Differentiated HT-29 Cells", The Journal of Cell Biology, 1998, Vol. 141, pp. 1311-1322.	
	57	Kuan, Shih-Fan, et al., "Inhibition of Mucin Glycosylation by Aryl-N-acetyl-α-galactosaminides in Human Colon Cancer Cells", The Journal of Biological Chemistry, November 15, 1989, Vol. 264, No. 32, pp. 19271-19277.	
	58	Thomsson, Kristina A., et al., "Different O-glycosylation of respiratory mucin glycopeptides from a patient with cystic fibrosis", Glycoconjugate Journal, 1998, Vol. 15, pp. 823-833.	
	59	Taylor-Papadimitriou, Joyce, et al., "Biology, biochemistry and immunology of carcinoma-associated mucins", Immunology Today, March 1997, pp. 105-107.	
	60	Tabak, Lawrence A., "In Defense of the Oral Cavity: Structure, Biosynthesis, and Function of Salivary Mucins", Annu. Rev. Physiol., 1995, Vol. 57, pp. 547-564.	
	61	Muller, Stefan, et al. "High Density O-Glycosylation on Tandem Repeat Peptide from Secretory MUC1 of T47D Breast Cancer Cells", The Journal of Biological Chemistry, June 25, 1999, Vol. 274, No. 26, pp. 18165-18172.	
	62	Hagen, Kelly G. Ten, et al., "Characterization of a UDP-GalNAc:Polypeptide N-Acetylgalactosaminyltransferase That Displays Glycopeptide N-Acetylgalactosaminyltransferase Activity", The Journal of Biological Chemistry, September 24, 1999, Vol. 274, No. 39, pp. 27867-27874.	
	63	Bennett, Eric Paul, et al., "Cloning of a Human UDP-N-Acetyl-α-D-Galactosamine:Polypeptide N-Acetylgalactosaminyltransferase That Complements Other GalNAc-Transferases in Complete O-Glycosylation of the MUC1 Tandem Repeat", The Journal of Biological Chemistry, November 13, 1998, Vol. 273, No. 46, pp. 30472-30481.	
	64	Bennett, Eric Paul, et al., "A novel human UDP-N-acetyl-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase, GalNAc-T7, with specificity for partial GalNAc-glycosylated acceptor substrates", FEBS Letters, 1999, Vol. 460, pp. 226-230.	
	65	Imberty, Anne, et al., "Fold recognition and molecular modeling of a lectin-like domain in UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferases", Protein Engineering, 1997, Vol. 10, No. 12, pp. 1353-1356.	
	66	Paulson, James C., et al., "Glycosyltransferases", The Journal of Biological Chemistry, October 25, 1989, Vol. 264, No. 30, pp. 17615-17618.	
	67	Hassan, Helle, et al., "The Lectin Domain of UDP-N-acetyl-D-galactosamine:Polypeptide	

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CF		Nacetylgalactosaminyltransferase-T4 Directs Its Glycopeptide Specificities", The Journal of Biological Chemistry, December 8, 2000, Vol. 275, No. 49, pp. 38197-38205.	
	68	Hagen, Fred K., et al., "Structure-Function Analysis of the UDP-N-acetyl-D-galactosamine:Polypeptide N-acetylgalactosaminyltransferase", The Journal of Biological Chemistry, March 5, 1999, Vol. 274, No. 10, pp. 6797-6803.	
	69	Amado, Margarida, et al., "Identification and characterization of large galactosyltransferase gene families: galactosyltransferases for all functions", Biochimica et Biophysica Acta, 1999, Vol. 1473, pp. 35-53.	
	70	Amado, Margarida, et al., "A Family of Human B3-Galactosyltransferases", The Journal of Biological Chemistry, May 22, 1998, Vol. 273, No. 21, pp. 12770-12778.	
	71	Zanetta, Jean-Pierre, et al., "Massive in vitro synthesis of tagged oligosaccharides in 1-benzyl-2-acetamido-2-deoxy-α-D-galactopyranoside treated HT-29 cells", Glycobiology, 2000, Vol. 10, No. 6, pp. 565-575.	
	72	Altschuler, Yoram, et al., "Clathrin-mediated Endocytosis of MUC1 is Modulated by Its Glcyosylation State", Molecular Biology of the Cell, March 2000, Vol. 11, pp. 819-831.	
	73	Kingsley, David M., et al., "Three Types of Low Density Lipoprotein Receptor-deficient Mutant Have Pleiotropic Defects in the Synthesis of N-linked, O-linked, and Lipid-linked Carbohydrate Chains", The Journal of Cell Biology, May 1986, Vol. 102, pp. 1576-1585.	
	74	F. Ulloa, "Benzyl-N-acetyl-alpha-D-galactosaminide induces a storage disease-like phenotype by perturbing the endocytic pathway", J. Biol. Chem. 2003 Apr. 4; 278(14):12374-83 (Abstract)	
↓	75	Leteurtre, E., et al. "Induction of a storage phenotype and abnormal inracellular localization of apical glycoproteins are two independent responses to GalNAcalpha-O-bn." J. Histochem. Cytochem. 2003 Mar; 51(3):349-61 (Abstract)	

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CF	CA	M. Tenno et al., "Identification of two cysteine residues involved in the binding of UDP-GalNAc to UDP-CalNAc: polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1), European Journal of Biochemistry, Sept. 2002, Vol. 269, No. 17, Abstract.	
	CB	International Search Report, dated February 15, 2002, which issued during the prosecution of International Application No. PCT/DK01/00328	
	CC	International Search Report, dated July 26, 2004, which issued during the prosecution of International Application No. PCT/DK03/00763	

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CF	1	International Preliminary Report on Patentability in connection with International Application No. PCT/DK2003/000763.	

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